

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Previously presented) A method for treating a skin disorder comprising injecting or subcutaneously introducing a polynucleotide in portions to multiple sites around the diseased skin using a needleless syringe, wherein the needleless syringe injects a pharmaceutical liquid by using a gas pressure or an elastic force of an elastic member to drive a piston, and the polynucleotide comprises a hepatocyte growth factor (HGF) gene, a prostacyclin synthetase (PGIS) gene, or both.

2.-5 (Cancelled)

6. (Previously presented) The method of claim 1, wherein the gas is helium, nitrogen, or air, and the elastic member is a spring.

7-8. (Cancelled)

9. (Previously presented) The method of claim 1 or 6, wherein the skin disorder is a wound, cutaneous ulcer, or psoriasis.

10. (Previously presented) The method of claim 9, wherein the wound is a post-surgical wound or a wound caused by an injury or accident.

11-12. (Cancelled)

13. (Previously presented) A method for treating a wound or cutaneous ulcer, comprising injecting or subcutaneously introducing an HGF gene or PGIS gene around diseased skin using a needleless syringe.

14. (Previously presented) The method of claim 13, comprising injecting or subcutaneously introducing the HGF gene and PGIS gene around the diseased skin using a needleless syringe.

15-45. (cancelled)